

Amendments to the Claims

This listing of claims will replace all the prior revisions, and listings of claims in this application.

Listing of Claims

1. – 5 (Cancelled)

1 6. (New) A munitions propellant consisting of:
2 an alcohol-wet nitrocellulose component consisting of 90% of the propellant by
3 weight, said nitrocellulose component having a Nitrogen proportion of
4 substantially 12.6% Nitrogen where said nitrocellulose component is a
5 combination of a first nitrocellulose composition having a Nitrogen proportion of
6 13.4% Nitrogen and a second nitrocellulose composition having a Nitrogen
7 proportion of 11.3% Nitrogen, such that the combination has an average Nitrogen
8 proportion of 12.6% Nitrogen.;
9 an energetic plasticizer component consisting of 7% of the propellant by weight, said
10 energetic plasticizer component consisting of N-Butyl-2-Nitratoethyl Nitramine
11 (BuNena);
12 a burning rate moderator and stabilizer component consisting of 2.0% of the
13 propellant by weight, wherein the burning rate moderator and stabilizer
14 component is Ethyl Centralite; and
15 a stabilizer consisting of 1.0% of the propellant by weight, said stabilizer consisting
16 of Acetyl triethyl citrate (ATEC).